

CALFED
BAY-DELTA
PROGRAM

2002 Recycling
Task Force

Funding / CALFED Subcommittee



CALIFORNIA
WATER

Overview

- Introduction to CALFED Bay-Delta Program
- Approach to "Recycling Benefits" White Paper
- Questions

2

CALFED Program Area



3

Importance of the Bay-Delta System



- Drinking Water for 22 Million Californians
- 750 Plant & Animal Species
- 80% of the State's Commercial Salmon Fisheries
- \$27 Billion Agricultural Industry
- California's Trillion Dollar Economy

4

Defining the Bay-Delta Conflict



California's Bay-Delta is an ecosystem in decline from decades of competing demands.

Water supplies are increasingly unreliable.

Water quality continues to degrade, making it difficult and expensive to meet drinking water standards.

Delta levee failures threaten agricultural, urban and environmental uses.

5

CALFED Goals & Programs

Resource Management Goals

- Water Supply Reliability
- Ecosystem Restoration
- Drinking Water Quality
- Levee System Integrity

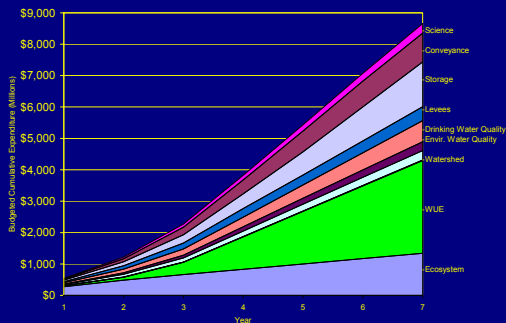
Programs

- Water Use Efficiency
- Ag
- Urban
- Managed Wetlands
- Recycling

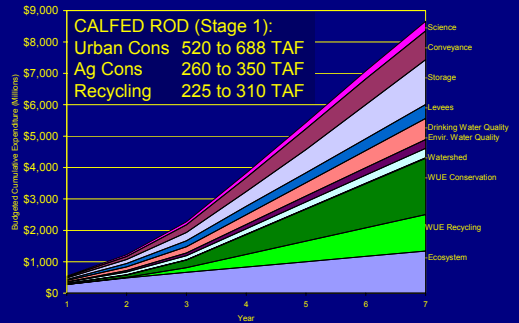
Drinking Water
Levee System
CALFED Science

6

Importance of Water Recycling to CALFED



Importance of Water Recycling to CALFED



Outline of White Paper

The Benefits of Water Recycling

9

Water Recycling Benefits

- Introduction
- Background – Need for Assessment
- Methods
- Recycling Costs
- Recycling Benefits
- Recycling Benefits per Dollar
- Summary and Conclusions
- Need for Additional Work

10

Water Recycling Benefits

Recycling Cost Table

- Name
- Description
- Owner
- Type
- Status
- Region
- Funding
 - Local, State, & Federal

11

Water Recycling Benefits

Recycling Benefits Table

- Name, Description, Owner, Type, Status, Region
- Benefits
 - Quantified (AF):
 - Planned
 - Verified
 - Other: Qualitative Description

12

Water Recycling Benefits

Recycling Benefits per Dollar

- Name, Description, Owner, Type, Status, Region
- Benefits per Dollar
 - Project Life
 - Int. Rate
 - Annualized Cost (\$/AF)
 - Benefit Verified
 - Unit Benefit (\$/AF/yr)

13

Water Recycling Benefits

Issues

- Getting data on locally funded projects
- Verifying data on local match to State & Federal Grants
- Adequately characterizing "other" benefits
- Staff availability

14

Questions ?

15